UMASS/AMHERST
312066014012463



DATE DUE			

UNIVERSITY LIBRARY

UNIVERSITY OF MASSACHUSETTS AT AMHERST

> LD 3234 M25 1869-1881



Digitized by the Internet Archive in 2010 with funding from Boston Library Consortium Member Libraries

MASSACHUSETTS

Agricultural College.

THE INDEX.

1869-'70.

Vol. I.

STORRS & McCLOUD, PRINTERS.

AMHERST.

The Index.

We present to-day to the friends of our institution Vol. 1st of the Index, a pamphlet designed to represent the internal growth and status of the College, and which we hope may prove of interest alike to members of the College and to the public.

In glancing back over the history of the College from its first feeble struggle for existence until the present state of comparative development, we think that all should be satisfied with the measure of success which has attended our efforts.

Of Presidents we have had three. As regards the cause of the first, charity forbids us to make any comment. In the loss of the second, the College sustained an injury which could be repaired only by the acquisition of a commanding and energetic spirit like that which animates our beloved President of to-day.

Our corps of Professors is one which any institution might well be proud of. From the President down they all have the love and respect of the students, and what more essential element can there be for the success of any institution of learning? In the course of study marked out for us we recognize one calculated to give a high state of culture to all who may pursue it, and one which will sooner or later establish here an institution whose tendency shall be to advance the cause of science and promote the welfare of all who may directly or indirectly be brought under its influence. And yet, with all our success, there is need of continued effort, the greatest effort, both on the part of the students and those who have the government of the College in their hands.

The great question of the benefit of the College to the State is yet to be proved, and that only by the character and standing which its students shall sustain after leaving its walls, and when they erect the edifice of their future life on the foundation which if laid at all must be laid here. But we hope for the best, and trust that future numbers of the INDEX may show a rapid advance in all that pertains to our loved institution.

Communications.

71.

Nearly three years ago we entered this College as the first class. As we look back, we see many improvements; even in that short period dormitories and other buildings necessary both for the College and the farm, have been erected.

What shall we say for ourselves? Are we the stereotyped Juniors of former days, in felt hat and shawl? No, '71 is a jolly set of chaps, delighting in "sugar scrapes" and "Hamp" as much as anybody.

We feel as though our course thus far has been productive of much good to the College. Have we not planted elms, whose generous shade shall shelter future generations? Have not pines been set out around some of the lesser buildings? Who but a '71 man could have had such forethought? Our relations with the Faculty have been, and are, very pleasant, and we are pleased to learn they are not afraid of us.

With '72 we have had much to do. We hope they do not chafe under the recollections of rushes, mock trials, blanket-tossings, &c. But bygones are bygones to us both, and Juniors and Sophs smoke the pipe of peace.

We have nothing to do with '73, save to help them organize "secret societies."

Many of us are votaries of the national game, and we furnish a goodly number to the Wilder Nine. Music hath its charms for us, both vocal and instrumental. Among the instruments used are the piano, violin, violincello, cornet, clarionet and flute.

We have learned to feel the "pomp and circumstance of glorious war," in the drill of the manual of arms and bayonet exercise, under the tutelage of Capt. Alvord. The pipe is the solace of nearly all of us, and what more rational enjoyment can we have than after supper to fill the Woodstock with cavendish, and in the blue wreaths of smoke see bright visions of the future?

We doubt if there ever was a class that worked together so well as ours. There seems to be a unity, a oneness of purpose, that has marked our course from the beginning until now, and may it always be so.

We have but a little longer to stay, and when we leave our Alma Mater, let us do so with no cause for regret, and a determination to do right.

Vive la '72. Who are these in bright array? Why, of course '72, the flower of the College, the smartest, jolliest set of youths ever brought together for the purpose of studying the Bucolic art or any other art. Know thou, O reader of the Index, we are Sophomores, which is of itself sufficient reason for being as above stated. Our class still thrives. We boast the largest number of men, have as good standing in studies as any, send four of our men to the Wilder Nine, and keep up our reputation in other out-door sports.

Since first entering, our numbers have somewhat diminished, but we look upon that as a necessary evil. Our duties have been rather heavy, but we think we have performed them creditably. Doubters are requested to communicate with the Secretary of the "Black Harvks."

With our Professors we have always been on the best of terms, and we are especially glad to have the help of Prof. Goessmann in chemistry this year. Our military drill has come to be one of our regular duties, and we are heartily glad of it, for while it gives as good exercise as a gymnasium drill, it teaches us what will be invaluable in case of another "onpleasantness." We have seen very little of Prof. Stockbridge this winter, his duties in Boston requiring his presence most of the time. With Prof. Goodell our relations have been, as ever, of the most pleasing nature. We have read considerable from the life of a "Taugenichts," and though the study has been rather hard, the recitations have been made interesting and amusing enough to fully repay us for our labor.

With the other classes we have always got along well, with the exception of one or two collisions with '71, in which both claim to be the victor. But let us not speak of those times when we were Freshmen, but of the latter days, when the Sophomore comes out in all his dignity. With '73 we have had very little trouble; they have attended to their own business, and with a few exceptions

we have not molested them.

Our class is becoming more firmly united as the months roll on, and the friendships formed in the first half of our college course, will, in the latter half, have ripened into such a close intimacy, as we hope nothing but death shall sever.

P.

If we have fallen short of what was expected in regard to numbers, yet we believe that there is good material among us, and with our four years' training we shall receive here, we hope to graduate a good class.

Our entrance upon college duties was very quiet, an encounter scarcely worth calling a rush, and a few calls was the reception we received from '72.

Physically and mentally we stand high, having representatives in the famous "Wilder Nine," and the young literary societies of the College.

Becoming better acquainted, we are becoming better united, and our four years' experience will make us fast friends.

We know that the reputation of this College depends in part upon us, and we will do our best, as one of the pioneer classes, to make M. A. C. a famous institution.

M.

Board of Trustees.

MEMBERS EX OFFICIIS.

HIS EXCELLENCY WILLIAM CLAFLIN.

Col. WILLIAM S. CLARK, President of College.

Hon. JOSEPH WHITE, LL.D., Secretary of Board of Education.

Hon. CHARLES L. FLINT, Secretary of Board of Agriculture.

ELECTED BY THE LEGISLATURE.

Hon. MARSHALL P. WILDER,
Hon. CHARLES G. DAVIS,
Dr. NATHAN DURFEE,
HENRY COLT, Esq.,
Rev. CHARLES C. SEWALL,
PAOLI LATHROP, Esq.,
PHINEAS STEADMAN, Esq.,
Hon. ALLEN W. DODGE,
Hon. GEORGE MARSTON,
Hon. WILLIAM B. WASHBURN,
PROF. HENRY L. WHITING,
Hon. D. WALDO LINCOLN,
HENRY F. HILLS, Esq.
Hon. DANIEL NEEDHAM,

SUFFOLK COUNTY.
PLYMOUTH COUNTY.
BRISTOL COUNTY.
BERKSHIRE COUNTY.
NORFOLK COUNTY.
HAMPSHIRE COUNTY.
HAMPDEN COUNTY.
ESSEX COUNTY.
BRISTOL COUNTY.
FRANKLIN COUNTY.
DUKES COUNTY.
WORCESTER COUNTY.
HAMPSHIRE COUNTY.
MIDDLESEX COUNTY.

SECRETARY,

HON. CHARLES L. FLINT.

AUDITOR,

Hon. D. WALDO LINCOLN.

TREASURER,

NATHAN DURFEE.

ASSISTANT TREASURER, GEORGE MONTAGUE, Esq.

Members of the Faculty.

WILLIAM S. CLARK, Ph. Dr.
President and Professor of Botany and Horticulture.

Hon. LEVI STOCKBRIDGE,
Professor of Agriculture.

HENRY H. GOODELL, A. M., Professor of English, French and Germán Languages.

SAMUEL F. MILLER, C. E., Professor of Mathematics and Engineering.

CHARLES A. GÖESSMANN, PH. DR. Professor of Chemistry.

CAPT. HENRY E. ALVORD, U. S. A., B. S.,
Professor of Military Science and Tactics.

H. S. BARLOW,

Instructor in Rhetoric and Elocution.

CHARLES A. MILLER,

Instructor in Vocal Music.

Prof. JAMES LAW, V. S., Lecturer on Diseases of Domestic Animals.

CHARLES L. FLINT, A. M., Lecturer on Dairy Farming.

CALVIN CUTTER, M. D.

Lecturer on Hygiene.

Hon. JOSEPH WHITE, LL. D.,

Lecturer on Civil Polity.

JABEZ FISHER, M. D., Lecturer on Market Gardening.

PROF. EDWARD HITCHCOCK, M. D.,

Lecturer on Comparative Anatomy.

HON. MARSHALL P. WILDER,

Lecturer on Horticulture.

A. S. PACKARD JR. M. D.,

Lecturer on Useful and Injurious Insects.

Prof. E. S. SNELL, LL. D.,

Lecturer on Physics.

GEORGE B. LORING, M. D.,

Lecturer on Stock Farming.

Prof. L. CLARK SEELYE, Lecturer on English Literature.

REV. L. CLARK SEELYE,

Chaplain.

JOHN DILLON,

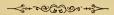
Farm Superintendent.

JOHN GRIFFIN,

Gardener.



'71.



OFFICERS.

LEWIS A. SPARROW, President.
ALONZO L. SOUTHWICK, Vice-President.
GEORGE LEONARD, Secretary.
LILLEY B. CASWELL, Treasurer.
WILLIAM D. RUSSELL, Historian.
ARTHUR D. NORCROSS, Class Captain.

NAMES.

RESIDENCE.

Allen, Gideon Hammond, 'Bassett, Andrew Lewis, Birnie, William Perkins, Bowker, William Henry, Brown, Clarence Eaton, Caswell, Lilley Brewer, Cowles, Homer Lucian, Ellsworth, Emory Alexander, Fisher, Jabez Franklin, Fuller, George Elwyn, Hawley, Frank Warren, Herrick, Frederick St. Clair, Leonard, George, Lyman, Robert Worthington, Morse, James Henry,

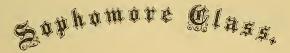
Marion.
Amherst. ,
Springfield.
Phillipston.
Florence
Fitchburg.
Hadley.
Barre.
Fitchburg.
Amherst.
Hadley.
Lawrence.
New Bedford.
East Hampton.
Salem.

Nichols, Lewis Abel,
Norcross, Arthur Dickinson,
Page, Joel Bardwell,
Richmond, Samuel Howard,
Russell, William Delano,
Smead, Edwin,
Southwick, Alonzo Lewis,
Sparrow, Lewis Addison,
Strickland, George Porter,
Thompson, Edgar Eliab,
Tucker, George Homer,
Ware, Willard Carroll,
Wheeler, William,
Whitney, Frank Le Prelet,
Woolson, George Clark,

Total,

Boston.
Monson.
Conway.
Taunton.
Sunderland.
Greenfield.
Blackstone.
Medway.
Amesbury.
Hopkinton.
W. Spring Creek, Pa.
Salem.
Concord.
Boston.
Hopkinton.

30



^{'72}.

OFFICERS.

RUSSELL W. LIVERMORE, President. HENRY WELLS, Vice President. L. Le BARON HOLMES, Secretary. FRANCIS E. KIMBALL, Treasurer. J. HENRY ESTERBROOK, Historian. ALONZO H. BLOOD, Class Captain.

NAMES.

RESIDENCE.

Ames, William Campbell
Barber, Strong Hayden
Bell, Burleigh Cook
Blood, Alonzo Hutchinson
Brett, William Franklin
Clark, John Wesley
Cole, Daniel Pomeroy
Cowles, Frank Colton
Crocker, Loring, Jr.
Cutter, John Clarence
Dyer, Edward Norris
Easterbrook, Isaac Henry
Fisk, Edward Ransom
Flagg, Charles Otis

Conway.
Windsor, Conn.
Winchester.
Winchester.
North Bridgewater.
Hadley.
Springfield.
Amherst.
Barnstable.
Warren.
Shrewsbury,
Boston.
Amherst.
Westminster.

Grover, Richard Baxter Harrington, Frank Warner Holmes, Lemuel Le Baron Howe, Edward Gardner Kimball, Francis Elliot Lester, Frank Harris Livermore, Russel Wolcott Lockey, John Morse Mackie, George Maynard, Samuel Taylor Morey, Herbert Ellis Peabody, William Russel Penhallow, Charles Lowell Salisbury, Frank Battelle Shaw, Dwight Elliot Snow, George Henry Somers, Frederick Maxwell Thomas, George Hutchins Thompson, Samuel Clarence Wells, Henry Whitney, William Channing

Amherst. Amherst. Mattapoisett. Chicago, Ill. Dudley. Plainville, Conn. Bozrahville, Conn, Leominster. New Bedford. Northborough. Malden. Boston. Portsmouth, N. H. Sherborn. Chicopee. Leominster. Greenfield. Lebanon, Conn. Southborough. Stockbridge. Harvard.

Ereshman Çlasş,

'73.

OFFICERS.

CHARLES M. COOKE, President. GEORGE A. FURNESS, Vice President. FLETCHER K. BARROWS, Secretary. CHARLES F. SANDERSON, Treasurer. WILLIAM W. MINES, Historian. FREDERICK C. ELDRED, Class Captain.

NAMES.

RESIDENCE.

Avery, Frank Rhodes,
Baker, Frederick William,
Barrows, Fletcher Kneeland,
Bliss, Albert Nathaniel,
Briggs, Louis Willard,
Carter, Herbert Mason,
Childs, William Frederick,
Clark, William Jarred,
Copp, Belton Allyn,
Eldred, Frederick Cornelius,
Flower, Archibald Dick,
Furness, George Albert,
Healey, George Clifford,
Jefts, Melvin Willard,

Westfield.
Winchester.
Brattleboro, Vt.
Brattleboro, Vt.
Pliquemine, La.
Winchester.
Montreal, Canada.
Cincinnati, O.
Groton, Conn.
Sandwich.
A hield.
Tarrytown, N. Y.
Hampton Falls, N. H.
Nashua, N. H.

Lathrop, Joseph Dwight,	Northampton.
Lovell, Frank Kendall,	Boston.
Leland, Walter Sherman,	Sherborn.
Lyman, Asahel Hubert,	Huntington.
Mills, George Westgate,	Med ford.
Mines, William Wales,	Brooklyn, N. Y.
Minor, John Bacon,	New Britain, Conn.
Penhallow, David Pearce,	Portsmouth, N. H.
Rowland, Clarence Warner,	Boston.
Sanderson, Robert Wilson,	Amherst.
Simpson, Henry Bell,	Hudson, N. Y.
Warner, Seth Smith,	Florence.
Warriner, Alfred Allen,	Warren.
Total, .	27

Specials.

Annable, Robert Whipple	Portsmouth, N. H.
Baley, Jonathan	Northampton.
Barreto, Fiuza	Bahia, Brazil.
Blankinship, Edwin Augustus	Marion.
Capen, Thomas Allyn	Taunton.
Cleland, William Francis	Natick.
Colby, Daniel Thompson	Newburyport.
Cook, Charles Montague	Honolulu, Sandwich I.
Damon, Edward	Honolulu, Sandwich I.
Dean, Charles Thomas	Columbus, Ga.
Garrett, William Edward	West Newton.
Hardy, Edward Eldridge	Boston.
Millard, David Knox	Florence.
Morris, Frederick William	Springfield.
Post, Henry Watross	Brattleboro, Vt.
Renshaw, James Budden	Richmond.
Sanderson, Charles Franklin	Petersham.
Smith, William Owen	Koloa, Sandwich I.
Swazey, Walter West	Springfield.
Watkiss, James Edwin	Brook'yn, N. Y.
Wills, John Wheelwright	Boston.
Wood, Frank Warner	Grafton.
Specials,	. 22
SUMMARY.	
Juniors,	30
Sophomores,	
Freshmen,	
Specials,	
Total,,	· 114

LITERARY SOCIETIES.

Washington Irving.



OFFICERS.

WILLIAM D. RUSSELL, President.
HENRY WELLS, Vice President.
L. Le BARON HOLMES, Secretary.
ROBERT W. LYMAN, Treasurer.
GEORGE H. SNOW, Librarian.
FREDERICK M. SOMERS,
EDGAR E. THOMPSON,
THOMAS A. CAPEN,

MEMBERS.

JUNIORS.

Andrew L. Bassett, Clarence E. Brown, Homer L. Cowles, George E. Fuller, James H. Morse, Joel B. Page, William D. Russell, Alonzo L. Southwick, Edgar E. Thompson, William Wheeler, William H. Bowker.
Lilley B. Caswell,
J. Frank Fisher,
Robert W. Lyman,
Arthur D. Norcross,
Samuel H. Richmond.
Edwin Smead,
Lewis A. Sparrow,
George H. Tucker,
George C. Woolson,
Juniors, 21

Willard C. Ware.

SOPHOMORES.

William C. Ames, Alonzo H. Blood, John C. Cutter, Isaac H. Easterbrook, Charles O. Flagg, L. Le Baron Holmes, Francis E. Kimball, Russell W. Livermore, Herbert E. Morey, Dwight E. Shaw, Fred. M. Somers,

Burleigh C. Bell,
Frank C. Cowles,
Edward N. Dyer,
Frank W. Harrington,
Edward G. Howe,
Frank H. Lester,
George Mackie,
Wm. R. Peabody,
George H. Snow,
Samuel C. Thompson,
William C. Whitney,

Sophomores, 24.

SPECIALS.

Jonathan Bayley, Thomas A. Capen, Edward C. Damon, William O. Smith, Fiuzo Barreto, Charles M. Cook, Charles F. Sanderson.

Specials, 7.—Total, 52.

Zhoenicia.

-\$+G1120+\$-

OFFICERS.

GIDEON H. ALLEN, President.

EMORY A. ELLSWORTH, Vice President.

FREDERICK St. C. HERRICK, Secretary.

GEORGE LEONARD, Treasurer.

LEWIS A. NICHOLS, Librarian.

WILLIAM P. BIRNIE, Critic.

FREDERICK C. ELDRED,

FRANK L. P. WHITNEY,

LORING CROCKER,

MEMBERS.

JUNIORS.

Gideon H. Allen, Emory A. Ellsworth, Frederick St. C. Herrick William P. Birnie, George Leonard, Frank L. P. Whitney.

Lewis A. Nichols.

Juniors, 7.

SOPHOMORES.

William F. Brett,

Loring Crocker, Jr.

Sophomores, 2.

FRESHEMEN.

Fred. C. Eldred,

George C. Healy.

Freshmen, 3.

SPECIALS.

Edwin A. Blankinship.

Specials, 1.

Total, 13.

Gollege Christian Union.

OFFICERS.

GEORGE C. WOOLSON, President.

EDWARD G. HOWE, Vice President.

EDWARD N. DYER, Secretary and Treasurer.

LILLEY B. CASWELL,
CHARLES M. COOK,
EMORY A. ELLSWORTH,

Executive Committee.

MEMBERS.

JUNIORS.

Lilley B. Caswell, George E. Fuller, Edwin Smead, Emory A. Ellsworth, Samuel H. Richmond, Willard C. Ware,

George C, Woolson.

SOPHOMORES.

Edward N. Dyer, Edward G. Howe, Francis E. Kimball, Charles L. Penhallow, I. Henry Easterbrook, Charles O. Flagg, John M. Lockey, George H. Snow.

FRESHMEN.

Frank R. Avery, David P. Penhallow, George W. Mills.

SPECIALS.

Charles M. Cook,

Wm. O. Smith.

SECRET SOCIETIES.

a. **6**. **4**.

ARTHUR D. NORCROSS, N. J., GEORGE LEONARD, W. S.

MEMBERS.

JUNIORS.

Gideon H. Allen, J. Frank Fisher, George Leonard, Arthur D. Norcross, William D. Russell, William P. Birnie, Fred. St. C. Herrick, Lewis A. Nichols, Joel B. Page, George P. Strickland,

Frank L. P. Whitney.

Juniors, 11,

SOPHOMORES.

William F. Brett.

Sophomores, 1.—Total, 12.

Q. T. X.

WILLIAM R. PEABODY, (5s. ALONZO H. BLOOD, Se.

MEMBERS.

SOPHOMORES.

William C. Ames, L. Le Baron Holmes, John M. Lockey, William R. Peabody, Alonzo H. Blood, Frank H. Lester, George Mackie, Fred. M. Somers,

Henry Wells.

Sophomores, 9

SPECIALS.

Edward E. Hardy. Specials, 1.—Total 10.

Musical Organizatious.

COLLEGE CHOIR.

JOHN M. LOCKEY, Leader and Organist.

Alonzo H. Blood, Treble. Alonzo L. Southwick, Treble. Charles M. Cook, Tenor. Henry Wells, Tenor. Frank H. Lester, Bass. Arthur D. Norcross, Bass.

Samuel T. Maynard, Treble. George C. Woolson, Treble. Edward E. Hardy, Tenor. J. Frank Fisher, Alto. Russell W. Livermore, Bass. James B. Renshaw, Bass.

GLEE CLUB.

ARTHUR D. NORCROSS, Leader.

Henry Wells, 1st Tenor. Edward E. Hardy, 2d Tenor. Fred. St. C. Herrick, 1st Bass. Arthur D. Noreross, 2d Bass. JOHN M. LOCKEY, *Pianist*.

Association for the Extermination of Biralres.

MEMBERS.

Gideon H. Allen, George Leonard, Fred. St. C. Herrick,
William R. Peabody, Edward E. Hardy.

The Wilder Buse Ball Association.

OFFICERS.

JAMES H. MORSE, President.
HENRY WELLS, Vice President.
J. FRANK FISHER, Secretary and Treasurer.
LEWIS A. NICHOLS,
FREDERICK C. ELDRED,
LORING CROCKER,

WILDER NINE.

Frank L. P. Whitney, c. Frank B. Salisbury, s. s. Fred. C. Eldred, 2nd base. Fred. W. Morris, l. f.

H. E. Morey, p. Lewis A. Nichols, 1st base. Arthur D. Norcross, 3d base. Henry Wells, c. f.

George Leonard, r. f.

CLASS MINE, -'71,

Frank L. P. Whitney, c. Lewis A. Nichols, s. s. James H. Morse, 2nd base. William Wheeler, l. f. Arthur D. Norcross, p.
George Leonard, 1st base.
Joel B. Page, 3rd base.
George H. Tucker, c. f.

Robert W. Lyman, r. f.

CLASS NINE.-'72.

Edward N. Dyer, e. W. Frank Brett, s. s. Frank B. Salisbury, 2nd base. Russell W. Livermore, l. f. H. E. Morey, p. Henry Wells, 1st base. D. E. Shaw, 3d base. Loring Crocker, c. f.

A. H. Blood, r. f.

The Beading Zoom



DAILIES.

Springfield Republican, Boston Journal, New York Tribune.

AGRICULTURAL PAPERS.

Massachusetts Ploughman, New England Farmer, Boston Cultivator, American Agriculturalist, Country Gentleman,

Hearth and Home,
New England Homestead,
Rural New Yorker,
Rural World,
Prairie Farmer,

California Farmer.

MAGAZINES.

Atlantic Monthly, Harpers' Monthly, American Naturalist, Hours at Home, Journal of Horticulture.

MISCELLANEOUS,

Harpers' Weekly, Appleton's Journal, Every Saturday, National Chronicle, Wilkes' Spirit, Amherst Record, Educational Bulletin, Journal of Chemistry, Yale Courant, Amherst Student.

Scientific American.

LIBRARIES.

NUMBER	OF	VOI	MWES	IN	EACH.

Washington Irving Society,
Phœnicia Society,
Christian Union,
Total, 1300
DURFEE PLANT HOUSE.
Number of Species,
()
KNOWLTON HERBARIUM.
Number of Species,
0

STATE CABINET.

Number of Specimens of Natural	History,	5,000
--------------------------------	----------	-------

OUI A DES CHEVEUX.

Burnsides,	10
Moustaches,	
Siders,	
Full Beards,	5
Dusenburys,	79

114

900

CALENDAR.

The first term commences the second Thursday of September, and continues thirteen weeks. Winter vacation commences the first Wednesday of December, and continues seven weeks. The second term commences the fourth Thursday of January, and continues thirteen weeks. Spring vacation commences the fourth Wednesday of April, and continues one week. The third term commences the first Thursday of May, and continues thirteen weeks. Summer vacation commences the first Thursday in August, and continues five week.



ACME BOOKBINDING CO., INC.

SFP 31 1027

100 CHARLESTOWN, MILES



